	All Buildings	Residential Buildings	Commercial Buildings	
Coal	<u></u>	<u></u>	<del></del>	
Average (2)	95.35	95.35	95.35	
Natural Gas				
Average (2)	53.06	53.06	53.06	
Petroleum Products				
Distillate Fuel Oil/Diesel	73.15	-	-	
Kerosene	72.31	-	-	
Motor Gasoline	70.88	-	-	
Liquefied Petroleum Gas	63.03	-	-	
Residual Fuel Oil	78.80	-	-	
Average (2)	70.50	69.30	72.70	
Electricity Consumption (3)				
Average - Primary (4)	59.16	59.16	59.16	
Average - Site (5)	188.6	188.6	188.6	
New Generation				
Gas Combined Cycle - Site (6)	115.5	115.5	115.5	
Gas Combustion Turbine - Site (6)	173.8	173.8	173.8	
Stock Gas Generator - Site (7)	141.4	141.4	141.4	
All Fuels (3)				
Average - Primary	57.79	57.31	58.34	
Average - Site	117.7	110.5	126.6	

te(s): 1) Emissions assume complete combustion from energy consumption, excluding gas flaring, coal mining, and cement production. The combustion of fossil fuels produces carbon in the form of carbon dioxide and carbon monoxide; however, carbon monoxide emissions oxidize in a relatively short time to form carbon dioxide. 2) Coefficients do not match total emissions reported in the AEO 2008 and were adjusted using Assumptions to the AEO 2008. 3) Excludes electricity imports from utility consumption. Includes nuclear and renewable (including hydroelectric) generated electricity. 4) Use this coefficient to estimate CO2 emissions resulting from the consumption of energy by electric generators. 5) Use this coefficient to estimate CO2 emissions resulting from the consumption of electricity by end-users. 6) Use this coefficient to estimate emissions of the next-built (2006) natural gas-fired, electric generator resulting from the consumption of electricity by end-users. 7) Use this coefficient to estimate emissions of existing natural gas-fired, electric generators resulting from the consumption of electricity by end-users.

Source(s): EIA, Annual Energy Outlook 2008, Mar. 2008, Table A2, p. 117-119, Table A8, p. 131-132, Table A17, p. 143-144 for consumption and Table A18, p. 145 for emissions; EIA, Assumptions to the AEO 2008, June 2008, Table 2, p. 10 for coefficients and Table 38, p. 76 for generator efficiencies; EIA, Annual Energy Review 2007, June 2008, Diagram 5, p. 221 for Transmission and Distribution (T&D) losses.